MEETINGS OF SCIENTIFIC BODIES

To be held during the ensuing week.

TUESDAY, Jan. 15.—Institution of Civil Engineers, 8 p.m.
WEDNESDAY, 16.—Society of Arts, 8 p.m.
THURSDAY, 17.—Royal Society, 8½ p.m.; Society of Antiquaries, 8 p.m.; Royal Academy, 8 p.m.

TO CORRESPONDENTS.

"*Water Tanks.*"—Will some of your readers tell me a cheap and efficient way of making water tanks—size, 30 feet by 15 feet? Fire bricks built with Roman cement are recommended, but perhaps they can point out a better plan, with a covering for same.—B.

"*Lowe's Siphon Trap Grid.*"—With reference to our notice of this, Mr. T. B. Rawlinson has favoured us with a letter, showing that cast-iron siphon traps, similar in principle, have been used in his town (Nottingham) for twenty years.

"W. de E." (we are flattered by good opinion; the only objection we have to complying with the request is our personal connection with the building; it shall not be lost sight of, however). "*Ritus Ecclesiæ*" (shall appear). "R. D." "E. P. A." "G. C." (we have not time to refer). "T. L. W." (we shall be glad to receive news). "One of the Dead." "R. A." "W. W." "O. P." and "J. G." (publisher will write). "J. M." (inquire at Registrar's, Somerset House). "Copyism" (the paragraph last week thus headed being signed B., and referring to Brandon's "Analysis," the author of that work wishes us to mention that it was not written by him). "Lady B." (next week). "J. M.," "A." (we do not know; he would learn at the Registrar's office). "B. B." (shall hear from us). "P. C. H." (send us particulars; we are disposed to engrave it). "Jon." "Sheffield (write to the secretary of Institute, 16, Grosvenor-street, London)." "G. W." "J. J. L." (shall hear). "A Bart." "R. N." (please call in York-street). "F. S." "J. B., jun." "X." "J. L." Manchester. "A. Z." "Junius." (Messrs. F. and G. are the architects; we will inquire into the fact mentioned). "J. R." (the knotting alluded to is insoluble in water; the manufacturers, by whom the letter was written, decline to state its composition). "M. Bro." (your letter was simply a personal advertisement, then?). "T. L." "H. and M." "J. J. (shall appear)." "A Treatise on the Progress of Decorated Window Tracery," by Edmund Sharpe, M.A., architect (London, John Van Voorst); "Churches of the Middle Ages," (Part IV.); "Bradshaw's Railway Directory, Shareholders' Guide and Manual (Adams, London; and Bradshaw and Co., Manchester).

NOTICE!—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor:" all other communications should be addressed to the EDITOR, and *not* to the Publisher.

"*Books and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

TO CONSUMERS of PLASTER of PARIS.—The Advertiser is in a position to supply the above article in quantity at extreme low rates.—Parties in want may be had on application.—Address, W. B. WILKINSON, Pradhoe-street, Newcastle-on-Tyne.

GREAVES'S BLUE LIAS LIME, WARWICKSHIRE CEMENT, BLUE RAWN FLAGGING STONE, and MARBLE WORKS, WARWICK. Agents—Messrs. Ratty and Verey, 8, South Wharf, Paddington; Messrs. Goodrich, Pedder's-acre, Lambeth; Mr. J. Thompson, Back Kingstreet, Manchester; Mr. T. Wylie, 1, Royal Bank buildings, Liverpool; Mr. J. Harrison, Hanshall-street, Chester; Mr. T. E. Myddelton, 1, Paragon, Sheffield; Mr. J. Bennett, Berkeley-street, Birmingham, and can be delivered by the Proprietor's own boats to any part of the kingdom.

ATKINSON'S CEMENT.—This Cement has hitherto been manufactured in Yorkshire, and, through long invention as one, has often proved stale and unfit for use on arrival in London. By the arrangement now made, this Cement will be manufactured in London, and thus presented to consumers in a fresh and genuine state, by the sole Agents, J. B. WHITE and SONS, Millbank-street, Westminster.

KEENE'S and PARIAN CEMENTS, for internal stucco, are employed very advantageously in lieu of Wood for skirtings, architraves, and panel mouldings, and for in-door flooring, instead of stone. The peculiar properties of PARIAN Cement allow of its being painted or papered upon within a few hours of its application, and thus render it an important substitute for common plastering in those cases where extreme hardness and beauty of finish are essential.—J. B. WHITE and SONS, Millbank-street, Westminster, Patentees of KEENE'S Cement, Licensees of PARIAN Cement.

PORTLAND CEMENT, as manufactured by J. B. WHITE and SONS, possesses all the properties of the best Roman Cement but has the advantage over that material of slowly resisting frost. When used as a stucco it does not crack or burn green in the driest weather, and continues to colour throughout as an hydraulic mortar for brick work. It carries sand to five measures of sand to one of cement, and is proved by trial to become harder and stronger in these proportions than Roman Cement with but one measure of sand. This superior economy in power, combined with the eminently hydraulic properties which it has as the fittest material for building sea and river wall, the lining of reservoirs, cisterns, and baths, and for all those purposes where strength and a perfect resistance to water are required.

Manufactories—J. B. WHITE and SONS, Millbank-street, Westminster, and 86, Seel-street, Liverpool.

PORTLAND CEMENT, solely MANUFACTURED by WILLIAM ASPDIN, Son of the Inventor.—Messrs. ROBINS, ASPDIN, and Co. request reference to No. 324, page 481; and also Nos. 344 and 345, pages 545 and 546, of "The Builder," for accounts of EXPERIMENTS on the strength of Portland Cements, whereby the great superiority of their Cement is manifest. This Cement has been proved for upwards of twenty years in the Thames Tunnel against the action of water; it is stronger in its consolidations of first, harder, and more durable than any other description of Cement; it does not vegetate, corrode, or burn green; nor is it affected by any atmospheric influence whatever the climate, resisting alike the extremes of frost and heat. It is manufactured to set in from forty to sixty minutes. For all purposes that Cement is applicable the Proprietors challenge competition.—Orders received by Messrs. ROBINS, ASPDIN, and Company, at their Manufactory, Northfleet, Kent, and their Wharf, Great Scotland-yard, Whitehall; also by their Agents at the Depôt, 1, Back Gores, Liverpool.

MARTIN'S PATENT FIRE-PROOF and ORNAMENTAL CEMENT—REDUCTION of PRICE.—The Patentees beg to inform their Friends and the Public that they have made arrangements which enable them to offer this valuable cement at a considerably reduced price. It has now been before the public on many years, and has obtained a high character in the estimation of all who have used it, that it is unnecessary to pronounce on its merits. The Patentees, however, feel bound to observe, that by its use—from the greater amount of work that can be executed with a given quantity will cover, and the small amount of labour required in working it, a saving of 50 to 70 per cent. is effected as compared with other materials for internal use. Specimens showing its beauty, hardness, and applicability to all plain or ornamental purposes, may be seen; and the Cement in any quantity obtained of the Patentees, Messrs. STEVENS and SON, Proprietors and Cement Works, 183, Drury-lane, London.—Agent for Liverpool.

Mr. GEORGE NEWTON, No. 6, Lawton-street, Bold-street.

EMERSON'S PATENT LIQUID CEMENT (already for use, in simple in its application, and only ONE-EIGHTH the cost of oil paint); for beauty it is pre-eminent over all other materials used on the fronts of houses, giving the exact appearance of PINE CUT STONE; can be used at once on fresh Roman cement or other plastering; is particularly calculated for country houses, villas, or gate entrances that have become soiled or dingy, which can be beautified in any weather, at a trifling cost.—Sold in casks of 1, 2, and 5 cwt., at 8s. 10s., and 12s. each.—C. BELL and Co., 16, Basing-lane, Cheapside.

THE PARIAN CEMENT, for INTERNAL STUCCO, which you accepted at Messrs. J. & R. MORLEY'S warehouses and dwelling in Wood-street, Cheapside, and in the City, has been used through out the premises, in every story, altogether about ten thousand yards superficial, chiefly upon recently built walls, and a small portion upon timber partitions, and that with the most perfect and satisfactory result. I feel it also necessary to observe, that the plasterer's work was almost invariably followed up on the next day by the painters, thereby enabling me to have the buildings completed in the shortest possible time, both for business and for the completion of the establishment. I am, therefore, of opinion, that the use of the new material for such considerable features in building operations and fully justifies that which I was given to understand, that it was an extraordinary material. I think it right to mention that I am at the present time having a great extent of similar work executed at another range of buildings, where time and the quality of the work are of the utmost importance.

(Signed) JNO. WALLEN, Architect, London.

To Messrs. Chas. Francis and Sons, Manufacturers, Nine Elms.

3 Ingram-court, Fenchurch-street.

MESSRS. MIALL, MARSHALL, and Co., MANUFACTURERS of ROMAN CEMENT, SUBMARINE BLUE LIAS LIME and CEMENT, and IMPROVED GLAZED STONE WARE TUBULAR DRAIN PIPES, are prepared to supply the above articles of a superior quality, and at reduced prices.

DRAIN PIPES from 1 in. to 24 in. bore.
CLOSET PANS, TRAPS, BENDS, JUNCTIONS, SYPHONS, &c.

Offices—3, Ingram-court, Fenchurch-street, London.
Manufactories { Bathside Cement Works, Harwich. / Lavender Dock Wharf, Rotherhithe.
Depots—{ Paul's Sufferance Wharf, Upper Thames-street. / Druce's Wharf, Chelsea.

Agents for Liverpool—Messrs. Lomax and Co., 13, James-street.

All applications for prices, &c. to be made to Messrs. MIALL, MARSHALL, and Co., 3, Ingram-court, Fenchurch-street, London.

J. W. LINDRIDGE, Medway Grey Stone and Lime Burner, Rochester, begs to inform builders, contractors, and others, that he has OPENED A WHARF, for the Sale of Grey, White, and Chalk Limes, Sand, Cement, Pots, Tiles, &c., wholesale and retail. No. 78, QUEEN'S WHARF, GREAT CAMBRIDGE-STREET, HACKNEY-ROAD, in conjunction with Pewbody Wharf, Caledonia-road, Islington, and 288, High-street, Wapping.—N.B. Orders of any magnitude will be promptly attended to.

DR. ARNOTT'S VENTILATING CHIMNEY VALVE.

With internal movement, and all the latest improvements.

Constructed for the ventilation of apartments generally.

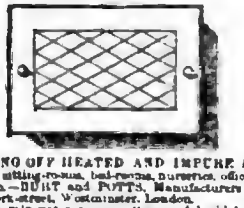
REDUCED LIST OF PRICES.

	First size, 11 by 9	Second size, 10 by 8
Plain Iron Valve	6 0	5 0
Bronzed and Leathered	7 0	10 0
Japanned, white with Gold lines	11 0	12 0
Ditto with Trellis-work	17 0	18 0
Brass Front, lacqd. or bronzed	13 0	10 0
Ditto with Trellis work	18 0	17 0

Ventilators of any description made to order.

Manufactured by HART and SONS, 53, 54, 55, Wych-street Strand, London.—Post-office orders payable at 160, Strand.

IMPROVED SELF-ACTING CHIMNEY VENTILATORS.



FOR CARRYING OFF HEATED AND IMPURE AIR from dressing-rooms, sitting-rooms, bed-rooms, nurseries, offices, &c. &c., from 9s. 6d. each.—BURT and POTTS, Manufacturers and Ironmongers, 63, York-street, Westminster, London.

Stoves, ranges, hot-water pipes cutters, and builders' ironmongery, as low as any house in London. Delivered free within 6 miles.

SMOKY CHIMNEYS.—"NO CURE NO PAY."

J. WILSON, Bricklayer and Surveyor of Chimneys, 1, Vale-place, Hammersmith, begs to inform architects, surveyors, builders, and others, that he can guarantee a perfect cure of chimneys from smoking into rooms, and on the equitable terms of "No cure no pay." References and testimonials of the highest respectability can be given.

N.B. WILSON'S CAN PATENT CHIMNEY POTS for the Cure of Smoky Chimneys, which have been extensively tested for the last four years, can be forwarded to any part of the Kingdom on receipt of a Post-office order. Prices and prospectuses by return of post. Licenses granted to manufacturers.

MANUFACTORY—VALE-PLACE, HAMMERSMITH, MIDDLESEX.

TO THE NOBILITY, GENTRY, ARCHITECTS, BUILDERS AND OTHERS.

T. FAIRS, 139, New Bond-street, begs leave to inform them, that he has a large assortment of stained and figured quarries on hand, and that he can execute stained glass quarry glazing for churches, &c., at one third less than the usual trade price.—A very fine PAINTED CHURCH WINDOW, in six compartments, each 3 feet 1 inches high, and 2 feet 3 inches wide, containing all the four Evangelists, St. Peter and St. Paul, TO BE SOLD at a cheap rate. Also various pieces of old Painted Glass.—Two very handsome CARVED STATUARY CHIMNEY PIECES, TO BE SOLD a great bargain. Any gentleman wanting such things, should not miss the opportunity of seeing them at the above address.

FAIRS and CO'S PATENT VENTILATORS are strongly recommended by the faculty: they will be found a very great preservative to health in being applied to bedrooms, in all cases and confined rooms, supplying plenty of pure air, without the annoyance of dust or soot. They will be found most serviceable where gas is introduced into the house, and a very great preventative to cholera and all epidemic diseases.—Orders sent to the above address, or to the Manufactory, 13, Gillingham-street, Pimlico, will be punctually attended to.

REDUCED PRICES.—EDWARD SIMMS, late William Cheney, of Wilson-road, Pimlico Basin, begs to acquaint Builders and the Trade that he has now on hand, at his Manufactory (the first of its kind ever established), a very large Assortment of Dry and well-seasoned DEAL and DEAL PREPARED FLOORING BOARDS and BATCH BOARDING of all sorts, from 4 inch to 11 inch thick, planed to a parallel width and thickness, and as greatly Reduced Prices. Also, Timber, Deals, Oak Planks, Scantlings, Sash sills, Mouldings prepared by Machinery, Laths, &c.—Apply at E. SIMMS'S late W. Cheney's Flooring Manufactory, Wilson-road, Pimlico Basin.

FLOORING.—ALFRED ROSLING begs to inform his customers and the trade generally, that he has again very materially REDUCED the PRICE of his DEAL FLOOR BOARDS, of which he has in stock an extensive assortment. Purchasers of a quantity of Prepared Boards at A. R. is able to offer a great reduction upon the current prices, to avoid the expense of piling away in the drying sheds. Mouldings in great variety, and prepared in a very superior manner.—South-work-bridge Wharf, Bankside, October, 1848.

THOMAS ADAMS, Mahogany and Timber Merchant, Bermondsey New-road, Southwark, near the Brickdayers' Arms, is SELLING SEASONED FLOORING at LESS PRICES THAN ANY ADVERTISED; also matched boards and mouldings prepared from the very best material, and in a superior manner. Cut deals and scantlings of every dimension, mahogany, cedar, rose-wood, wainscot, oak, beech oak, &c.; pannels, oak, and fir laths; wheelers for carts. All sawn and prepared goods (except timber) delivered free of expense. Sawing charged at mill prices. Very extensive drying sheds.

N.B. English timber taken in exchange for foreign.

PRESENT PRICES of SEASONED FLOORING, prepared by improved Machinery. Not mch.

¼ in. rather, per sq.	10s. 6d.	1 in. sprues, per sq.	13s. 6d.
½ " " "	12s. 6d.	1¼ " " "	14s. 6d.
¾ " " "	14s. 6d.	1½ " " "	16s. 6d.

Widths measured after being wrought. Quantities not less than thirty squares delivered within 3 miles free.

SAMUEL ARCHBUTT and CO., Timber Merchants, Sawing and Planing Mills, King's-road, Chelsea.

MUIR'S PATENT PLANING MACHINE.

SAW MILLS, GILLINGHAM-STREET, PIMLICO.

TIMBER of any size, PLANK, DEALS, and BATTENS, &c., Sawn on the most approved principle. Boards, &c., Prepared, Matched, and Grooved, by Muir's Patent Machinery. The Mills have all the advantages of extensive and water-carriage, being connected with the Thames by the Grosvenor Canal. Goods fetched from the docks and carted home free of charge.

Address to HENRY SOUTHAM,
Saw Mills, Gillingham-street, Pimlico.
N.B. Estimates given for Sawing and Planing.

GENERAL WOOD-CUTTING COMPANY.—SAWING, PLANING, AND MOULDING MILLS, Belvedere-road, Lambeth, between the Suspension and Waterloo Bridges. SAWING and PLANING in all their branches executed with the greatest despatch and punctuality. A large Stock of seasoned and beautifully WORKED MOULDINGS, consisting of upwards of 100 different patterns kept constantly on hand; also an extensive assortment of dry and prepared FLOORING BOARDS, of all qualities and at reasonable rates.

PHILLIPS, ALLCARD, and CO.'S IMPERIAL DEAL SAW-MILLS, WENLOCK-ROAD CITY-ROAD, beg to invite the attention of builders, carpenters and the trade, to their well selected stock, consisting of a large assortment of TIMBER, DEALS, PLANKS, and BATTENS, of every description, and thoroughly seasoned. They also have constantly on hand, and ready for immediate use, white and yellow prepared FLOORING BOARDS of all thicknesses, and matched lining, cut and planed to a parallel breadth and thickness. And they are enabled to offer all their goods at very moderate prices.

TO ARCHITECTS, BUILDERS, UPHOLSTERERS, AND OTHERS.

WOOD CARVING done in the cheapest and best manner. Estimates given to any amount. Chairs, reading desks, altar-rails, seats, and every other fitting supplied complete. All carvings removed by J. STALEY, Wood Carver and Manufacturer, 42, Berwick-street, Soho, London.

JORDAN'S PATENT MACHINE CARVING and MOULDING WORKS for WOOD and STONE, Belvedere-road, Lambeth, and 194, Strand.—TAYLOR, WILLIAMS, and JORDAN low to call the attention of the building community to a new feature of their establishment, and at the same time, to thank their numerous patrons and friends for the very liberal support they have lately experienced, which, they assure them and the public, it will be their constant endeavour to deserve, by giving their customers an increasing share of the advantages arising from the constant improvements in the machinery which they have just succeeded in applying to the production of the most intricate carving in Cameo and other fine stones, and in statuary marble.

T., W., and J. particularly solicit the attention of architects and builders to the fact that, by the use of this machinery, a very large saving both of time and money, in effect—is, one could, indeed, that in many cases they can deliver a well-finished article in Caen stone for less money than it can be obtained in cement while their wood-carving will, in some cases, be found to come into close competition with the best kinds of composition ornaments.—For prices and estimates apply at 194, Strand.

TESTIMONIAL FROM CHARLES BARRY, ESQ.

"Westminster, May 19th, 1848.

"Gentlemen,—In reply to your letter requesting my opinion of your patent Carving Machinery, I have much pleasure in stating, from an experience of more than two years, in its application to the production of the wood carvings of the House of Peers, and other apartments of the New Palace, at Westminster, that I am enabled to make the most favourable report concerning it, and to add that it has more than justified the favourable terms in which I recommended it in 1845 to her Majesty's Commissioners of Woods and Works for adoption.—I remain, Gentlemen, yours faithfully,

"CHARLES BARRY."

Messrs. Taylor, Williams, and Jordan.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 36, REGENT-STREET and 18, CHANCERY-LANE. Patent sealed on the 6th day of February, 1846, for Fourteen Years, for Improvements in Revolving Shutters of WOOD and IRON, consisting of Six Methods of Hanging and Louvering Shutters, also Machinery, and Two for Hinging and Sheathing the Rebate of Wood Lathe with Iron.—The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantees the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel, worm and screw gear, or any other complicated machinery removed by other makers.

BUNNETT and Co., ENGINEERS, Patentees and Manufacturers of REVOLVING IRON and WOOD SAFETY SHUTTERS, and of ORNAMENTAL SASH BARS, MOULDINGS, STALLBOARDS, &c., FOR SHOP-FRONTS, AND OTHER WINDOWS, ON METHODS IN BRASS, COPPER, ZINC, IRON, &c.

Shop-fronts completely fitted up and glazed with best plate glass. Metal works and improved machinery of all kinds for warehouses, breweries, &c.

BUNNETT and Co. challenge competition as to either quality or price.

Offices, 36, Lombard-street, London; Works, Deptford, Kent.

B. and Co. are also Patentees and Manufacturers of Improved Bench and Fixed Screws for Builders; Wrought Iron Diagonal Gratings, doubly trapped self-acting Water Closets, and self-acting and self-cleansing Effluvia Traps, for Sewers, Drains, &c. &c.